

Curriculum Vitae

George D. Kamenov

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PROFESSIONAL PREPARATION

Ph.D. Geology, University of Florida, 2000-2004;
M.S. Geology, Florida International University, 1998–2000;
B.Sc. Geology, Sofia University, Bulgaria, 1991–1996;

APPOINTMENTS

2011-present *Associate In Geological Sciences*, University of Florida, Gainesville, Florida
2005-2010 *Assistant In Geological Sciences*, University of Florida, Gainesville, Florida
2000-2004 *Alumni Fellow*, University of Florida, Gainesville, Florida
1998-2000 *Teaching Assistant*, Florida International University, Miami, Florida
1997-1998 *Geologist*, Central Laboratory of Mineralogy and Crystallography (Bulgarian Academy of Sciences), Sofia, Bulgaria

PROFESSIONAL MEMBERSHIP

Geological Society of America; American Geophysical Union;
Geochemical Society; Society of Economic Geologists;

STUDENT COMMITTEES SERVED

Benjamin Valentine (M.S.) 2006-2007; Elodie Bourbon (M.S.) 2007-2008; Chandranath Basak (Ph.D.) 2007-2011; Roy Moutusi (Ph.D.) 2007-2009; Mary-Beth Day (M.S.) 2008-2009; Dorsey Wanless (Ph.D.) 2010; Derrick Newkirk (Ph.D.) 2009-present; Dylan Miner (M.S.) 2009-2011; Melania Lopes-Castro (Ph.D.) 2009-2013; Benjamin Valentine (Ph.D.) 2013; Susanna Blair (Ph.D.) 2010-2014; Amy Brown (Ph.D.) 2011-present; Chandler Turner 2011-2012; Dylan Loss (M.S.) 2012-2013; Traci Van Deest (Ph.D.) 2012-2014; Liotta Noche-Dowdy (M.S., USF) 2013-present; Kate Kolpan (Ph.D.) 2014-present;

SYNERGISTIC ACTIVITIES

Mentor: SSTP (Student Science Training Program) in University of Florida; advisor and co-advisor for a number of high-school students during the summer (8 years, last in summer of 2014);
Participant in SEAGEP (South East Alliance for Graduate Education and Professoriate) program as a minority student mentor - summer 2008;

Judge: student conference presentations at 2005 AGU Fall Meeting;
Judge: student posters at 2014 Graduate Student Research Day UF;
Participant in national and international laboratory certifications of standards: Bone Pb standards for New York State Department of Health (2006); Fossil bone standard (2007); Zircon U-Pb standard (2008); IRMM wine standard for Sr isotopes (2008);
Commencement marshal for 2009 graduation;
Reviewer: National Science Foundation; Geology; Geochemistry, Geophysics, Geosystems; Geochimica et Cosmochimica Acta; Chemical Geology; Contributions to Mineralogy and Petrology; Earth and Planetary Science Letters; Environmental Science and Technology; Environmental Geology; Gondwana Research; Latin American Antiquity; Journal of Paleolimnology; Journal of Archaeological Research; Science of the Total Environment; Marine Environmental Research; Journal of Archaeological Methods and Theory; Geosciences Journal; Journal of Geochemical Exploration;

INVITED TALKS/SEMINARS

2014 April, Colorado School of Mines, Department of Geology and Geological Engineering seminar;
2013 May, Oregon State University, CEOAS seminar;
2013 March, University of Nevada Las Vegas, Department of Geoscience seminar;
2013 February, Florida International University, Department of Earth & Environment seminar;
2011 October, USF/Medical Examiner, talk for Florida Cold Cases;
2011 September, University of Florida, Department of Geological Sciences seminar;
2007 September, University of Florida, Department of Geological Sciences seminar;
2006 September, Auburn University, Department of Geology and Geography seminar;
2006 February, University of Florida, Department of Geological Sciences seminar;

PRESS RELEASES

2014 UF News: “Lead in teeth can tell a body’s tale, UF study finds.” Interviewed for Reuters and featured as: “Lead in teeth holds secrets of person’s origins, research shows.”
2013 The Analytical Scientist: “CSI: Geographical jigsaw.”
2012 The New York Times: “A Jane Doe Gets a Back Story”. Press-release related to my GSA Fall 2012 talk.
2012 UF Explore Magazine: “Heating up Cold Cases.”
2011 UF News: “Long distance: Research shows ancient rock under Haiti came from 1,000+ miles away”; Interview for WCJB-TV20 (ABC) aired on July 12, 2011 6 PM News; Explore Magazine (UF): “Lava Deposits Reveal Haiti’s Geological Roots”
2009 ETH Life: “What do dinosaurs and the Maya have in common?”
2008 Science News Magazine: “Machu Picchu’s far-flung residents”;
2008 National Geographic News: “India Basins Half a Billion Years Older Than Thought”;
2006 UF News: “At an underwater volcano, evidence of man’s environmental impact”; Alligator: “Pollution scars ocean floor”; Corriere Della Sera (in Italian): “Un complesso studio dei geologi dell’Università della Florida Il Tirreno è inquinato dal piombo australiano C’è arrivato tramite il piombo che veniva addizionato alle benzine prima dell’introduzione della cosiddetta benzina verde”

2004 UF News: “UF geologists: new technique sheds light on Maya history”

PUBLICATIONS

Kamenov, G.D., and Gilson, B.L., 2014, The Pb isotopic record of historical to modern human lead exposure. *Science of the Total Environment*, v.490, p.861-870.

Chadwick, J., Keller, R., **Kamenov, G.**, Yogodzinski, G., and Lupton, J., 2014, The Cobb Hotspot: HIMU-DMM mixing and melting controlled by a progressively thinning lithospheric lid. *Geochemistry, Geophysics, Geosystems*, 10.1002/2014GC005334.

De Ronde, C.E.J., Walker, S.L., Ditchburn, R.G., Tontini, F.C., Hannington, M.D., Merle, S.G., Timm, C., Handler, M.R., Wysoczanski, R.J., Dekov, V.M., **Kamenov, G.D.**, Baker, E.T., Embley, R.W., Lupton, J.E., and Stoffers, P., 2014, The anatomy of a buried submarine hydrothermal system, Clark volcano, Kermadec arc, New Zealand. *Economic Geology*, v.109, p.2261-2292.

Dekov, V.M., Egueh, N.M., **Kamenov, G.D.**, Bayon, G., Lalonde, S.V., Schmidt, M., Liebetrau, V., Munnik, F., Fouquet, Y., Tanimizu, M., Awaleh, M.O., Guirreh, I., Le Gall, B., 2014, Hydrothermal carbonate chimneys from a continental rift (Afar Rift): Mineralogy, geochemistry and mode of formation. *Chemical Geology*, v.387, p.87-100.

Das, R.K., Wang, Y., Vasilyeva, S.V., Donoghue, E., Pucher, I., **Kamenov, G.**, Cheng, H., Rinzler, A.G., 2014, Extraordinary hydrogen evolution and oxidation reaction activity from carbon nanotubes and graphitic carbons. *ACS Nano*, v.8, p.8447-8456.

López-Castro, M.C., Bjorndal, K.A., **Kamenov, G.D.**, and Bolten, A.B., 2014, Identifying oceanic foraging grounds of sea turtles in the Atlantic using lead isotopes. *Marine Biology*, v.161, p.2269-2278.

Belica, M.E., Piispa, E.J., Meert, J.G., Pesonen, L.J., Plado, L.J., Pandit, M.K., **Kamenov, G.D.**, Celestino, M., 2014, Paleoproterozoic mafic dyke swarms from the Dharwar craton; paleomagnetic poles for India from 2.37 to 1.88 Ga and rethinking the Columbia supercontinent. *Precambrian Research*, v.244, p.100-122.

Turner, C.C., Meert, J.G., Pandit, M.K., and **Kamenov, G.D.**, 2014, A detrital zircon U-Pb and Hf isotopic transect across the Son Valley sector of the Vindhyan Basin, India: implications for basin evolution and paleocenography. *Gondwana Research*, v.26, p.348-364.

Bickford, M.E., Basu, A., **Kamenov, G.D.**, Mueller, P.A., Patranabis-Deb, S., and Mukherjee, A., 2014, Petrogenesis of 1000 Ma Felsic Tuffs, Chhattisgarh and Indravati Basins, Bastar Craton, India: Geochemical and Hf-Isotope Constraints. *Journal of Geology*, v.122, p.43-54.

- Estrada, L.A., Deininger, J.J., **Kamenov, G.D.**, and Reynolds, J.R., 2013, Direct (Hetero)arylation polymerization: an effective route to 3,4-propylenedioxythiophene-based polymers with low residual metal content. *ACS Macro Letters*, v.2, p.869-873.
- Bickford, P., Saha, D., Schieber, J., Russell, A., **Kamenov, G.D.**, and Basu, A., 2013, New U-Pb ages of zircons in the Owk Shale (Kurnool Group) with reflections on Proterozoic porcellanites in India. *Journal Geological Society of India*, v. 82, p.207-216.
- Meert, J.G., Pandit, M.K., and **Kamenov, G.D.**, 2013, Further geochronological and paleomagnetic constraints on Malani (and pre-Malani) magmatism in NW India. *Tectonophysics*, v.608, p.1254-1267.
- López-Castro, M.C., Bjorndal, K.A., **Kamenov, G.D.**, Zenil-Ferguson, R., Bolten, A.B., 2013, Sea turtle population structure and connectivity between oceanic and neritic foraging areas in the Atlantic revealed through trace elements. *Marine Ecology Progress Series*, v.490, p.233-246.
- Hodell, D., Crowhurst, S., Skinner, L., Tzedakis, P., Margari, V., Channell, J., **Kamenov, G.**, Maclachlan, S., and Rothwell, G., 2013, Response of Iberian Margin sediments to orbital and suborbital forcing over the past 420 ka. *Paleocenography*, v.28, p.185-199.
- Kamenov, G.D.**, Melchiorre, E.B., Ricker, F.N., and DeWitt, E., 2013, Insights from Pb isotopes for native gold formation during hypogenic and hypergenic processes at Rich Hill, Arizona. *Economic Geology*, v.108, p.1577-1589.
- Dekov, V.M., **Kamenov, G.D.**, Abrasheva, M.D., Capaccioni, B., and Munnik, F., 2013, Recent seafloor massive sulfides with a negative Eu-anomaly (Panarea Platform, Aeolian Arc, Tyrrhenian Sea). *Chemical Geology*, v.335, p.136-148.
- Wallis, N.J. and **Kamenov, G.D.**, 2013, Determining the provenance of pottery with heterogeneous tempers: comparative analysis by LA-ICP-MS and INAA. *Archaeometry*, v.55, p.893-909.
- Satkoski, A.M., Bickford, M.E., Samson, S.D., Bauer, R.L., Mueller, P.A., and **Kamenov, G.D.**, 2013, Geochemical and Hf-Nd isotopic constraints on the crustal evolution of Archean rocks from the Minnesota River Valley, USA. *Precambrian Research*, v.224, p.36-50.
- Escobar, J., Whitmore, T.J., **Kamenov, G.D.**, and Riedinger-Whitmore, M.A., 2013, Isotopic record of atmospheric lead pollution in lake sediments in Florida. *Journal of Paleolimnology*, v.49, p.237-252.
- Marsellos, A., Foster, D., **Kamenov, G.D.** and Kyriakopoulos, K. 2012. Detrital zircon U-Pb data from the Hellenic south Aegean belts: Constraints on the age and source of the South Aegean basement. In: (Ed.) Emmanuel Skourtsos, and Gordon S. Lister,

The Geology of Greece, Journal of the Virtual Explorer, Electronic Edition, ISSN 1441-8142, volume 42, paper 3.

Turner, B.L., Zuckerman, M.K., Garofalo, E.M., Wilson, A., **Kamenov, G.D.**, Hunt, D.R., Amgalantugs, T., and Frohlich, B., 2012, Diet and death in times of war: isotopic and osteological analysis of mummified human remains from southern Mongolia. *Journal of Archaeological Science*, v.39, p.3125-3140.

Pradhan, V.R., Meert, J.G., Pandit, M., **Kamenov, G.**, Mondal, E.A., 2012, Paleomagnetic and geochronological studies of the mafic dyke swarms of Bundelkhand craton, central India: Implications for the tectonic evolution and paleogeographic reconstructions. *Precambrian Research*, v.198-199, p.51-76.

Dekov, V.M., Boycheva, T., Hålenius, U., Billström, K., **Kamenov, G.D.**, Shanks, W.C., and Stummeyer, J., 2011, Mineralogical and geochemical evidence for hydrothermal activity at the west wall of 12°50'N core complex (Mid-Atlantic Ridge): A new ultramafic-hosted seafloor hydrothermal deposit? *Marine Geology*, v.288, p.90-102;

Kamenov, G.D., Perfit, M.R., Lewis, J., Goss, A.R., Arevaldo, R., and Shuster, R.D., 2011, Ancient lithospheric source for Quaternary lavas in Hispaniola. *Nature Geoscience*, v.4, p.554-557;

Lewis, J.F., Kysar, G., Perfit, M., and **Kamenov, G.**, 2011, Geochemistry and petrology of three granitoid rock cores from the Nicaraguan Rise, Caribbean Sea: implications for its composition, structure and tectonic evolution. *Geologica Acta*, v.9, p.467-479.

Meert, J.G., Pandit, M.K., Pradhan, V.R. and **Kamenov, G.D.**, 2011, Preliminary Report on the Paleomagnetism of 1.88 Ga Dykes from the Bastar and Dharwar Cratons, Peninsular India, *Gondwana Research*, v.20, p.335-343;

Basak, C., Martin, E.E., and **Kamenov, G.D.**, 2011, Seawater Pb isotopes extracted from marine sediments. *Chemical Geology*, v.286, p.94-108;

Dekov, V., Boycheva, T., Hålenius, U., Petersen, S., Billström, K., Stummeyer, J., **Kamenov, G.**, Shanks, W., 2011, Atacamite and paratacamite from the ultramafic-hosted Logatchev seafloor vent field (14°45'N, Mid-Atlantic Ridge). *Chemical Geology*, v.286, p.169-184;

Day, M.B., Hodell, D.A., Brenner, M., Curtis, J.H., **Kamenov, G.D.**, Guilderson, T.P., Peterson, L.C., and Kolata, L.A., 2011, Middle to late Holocene initiation of the annual flood pulse in Tonle Sap Lake, Cambodia. *Journal of Paleolimnology*, v.45, p.85-99;

- Meert, J.G., Gibsher, A.S., Levashova, N.M., Grice, W.C., **Kamenov, G.D.**, and Ryabinin, A.B., 2011, Glaciation and ~770 Ma Edicara (?) fossils from the Lesser Karatau Microcontinent, Kazakhstan. *Gondwana Research*, v.19, p.867-880.
- Saunders, J.A., **Kamenov, G.D.**, Hofstra, A.H., Unger, D.L., Creaser, R.A., and Barra, F., 2011, "Forensic" geochemical approaches to constrain the source of Au-Ag in low-sulfidation epithermal ores. In R. Steininger and W. Pennell (eds), *Great Basin Evolution and Metallogeny*, Geological Society of Nevada 2010 Symposium, Reno, Nevada, p. 693-700.
- Dekov, V.M., Sven Petersen, S., Garbe-Schönberg, C.D., **Kamenov, G.D.**, Perner, M., Kuzmannf, E., Schmidt, M., 2010, Fe-Si-oxyhydroxide deposits at a slow-spreading centre with thickened oceanic crust: the Lilliput hydrothermal field (9°33'S, Mid-Atlantic Ridge). *Chemical Geology*, v.278, p.186-200;
- Dekov, V.M., Cuadros, J., **Kamenov, G.D.**, Weiss, D., Arnold, T., Basak, C., Rochette, P., 2010, Metalliferous sediments from the H.M.S. Challenger voyage (1872-1876). *Geochim. Cosmochim. Acta*, v.74, p.5019-5038;
- Goss, A. R., M. R. Perfit, W. I. Ridley, K. H. Rubin, **G. D. Kamenov**, S. A. Soule, A. Fundis, and D. J. Fornari (2010), Geochemistry of lavas from the 2005–2006 eruption at the East Pacific Rise, 9°46'N–9°56'N: Implications for ridge crest plumbing and decadal changes in magma chamber compositions, *Geochem. Geophys. Geosyst.*, 11, Q05T09, doi:10.1029/2009GC002977.
- MacFadden, B.J., DeSantis, L.R., Labs-Hochstein, J., **Kamenov, G.D.**, 2010, Physical properties, geochemistry, and diagenesis of xenarthran teeth: Prospects for interpreting the paleoecology of extinct species. *Palaeogeography, Palaeoclimatology, Palaeoecology*, v.291, p.180-189;
- Bickford, M.E., McLelland, J.M., Mueller, P.A., **Kamenov, G.D.**, Neadle, M., 2010, Hafnium isotopic compositions of zircons from Adirondack AMCG suites: implications for the petrogenesis of anorthosites, gabbros, and granitic members of the suites. *Canadian Mineralogist*, v48, p.751-761.
- Martin, E., Blair, S., **Kamenov, G.D.**, Scher, H., Bourbon, E., Basak, C., and Newkirk, D., 2010, Nd isotopes from bulk sediments for paleoceanographic studies on Cenozoic time scales. *Chemical Geology*, v.269, p.414-431.
- Sung-Hyun, P., Sang-Mook, L., **Kamenov, G.D.**, Sung-Tack, K., Kyeong-Yong, L., 2010, Tracing the Origin of Subduction Components beneath the South East Rift in the Manus Basin, Papua New Guinea. *Chemical Geology*, v.269, p.339-349.
- Mateus, O., Dyke, G., Motchurova-Dekova, N., **Kamenov, G.D.**, and Ivanov, P., 2010, The first record of a dinosaur from Bulgaria. *Lethaia*, v.43, p.88-94.

- Pradhan, V.R., Meert, J.G., Pandit, M., **Kamenov, G.**, Gregory, L.C., Malone, S., 2010, India's changing place in global Proterozoic reconstructions: A Review of geochronologic constraints and paleomagnetic poles from the Dharwar, Bundelkhand and Marwar Cratons. *Journal of Geodynamics*, v.50, p.224-242.
- Arvizu, H.E., Iriondo, A., Izaguirre, A., Chávez-Cabello, G., **Kamenov, G.D.**, Foster, D.A., Lozano-Santa Cruz, R., and Solís-Pichardo, G., 2009, Gneises bandeados paleoproterozoicos (~1.76-1.73 Ga) de la Zona Canteras-Puerto Peñasco: Una nueva ocurrencia de rocas de basamento tipo Yavapai en el NW de Sonora, México: *Boletín de la Sociedad Geológica Mexicana*, v. 61, no. 3, p.375-402 (in Spanish).
- Kamenov, G.D.**, Brenner, M., and Tucker, J.L., 2009, Anthropogenic vs natural control on trace element and Sr-Nd-Pb isotope record in peat sediments of southeast Florida, USA. *Geochimica et Cosmochimica Acta*, v.73, p.3549-3567.
- Gilli, A., Hodell, D.A., **Kamenov, G.D.**, and Brenner, M., 2009, Geological and archaeological implications of strontium isotope analysis of exposed bedrock in the Chicxulub crater basin, Northwestern Yucatán, Mexico. *Geology*, v. 37, p.723-726.
- Kamenov, G.D.**, Dekov, V.M., Willingham, A.L, Savelli, C., and Belluci, L.G., 2009, Anthropogenic Pb in recent hydrothermal sediments from the Tyrrhenian Sea: implications for seawater Pb control on low-temperature hydrothermal systems. *Geology*, v.37, p.111-114.
- Arvizu, H.E., Iriondo, A., Izaguirre, A., Chávez-Cabello, G., **Kamenov, G.D.**, Solís-Pichardo, G., Foster, D.A., Lozano-Santa Cruz, R., 2009, Permian granitic rocks in the Sierra Pinta, NW Sonora, Mexico: subduction magmatism associated to the onset of the active continental margin of southwestern North America. *Revista Mexicana de Ciencias Geológicas*, v.26, p.709-728 (in Spanish).
- Dekov, V.M., **Kamenov, G.D.**, Savelli, C., Stummeyer, J., Thirye, M., Shanks, W.C., Willingham, A.L., Boycheva, T.B., Rochette, P., Kuzmann, E., Fortini, D., and Vértes, A., 2009, Metalliferous sediments from Eolo Seamount (Tyrrhenian Sea): hydrothermal deposition and re-deposition in a zone of oxygen depletion. *Chemical Geology*, v.264, p.347-363;
- Dekov, V.M., Hålenius, U., Billström, K., **Kamenov, G.D.**, Munnike, F., Eriksson, L., Dyer, A., Schmidt, M., and Botzi, R., 2009, Native Sn-Pb droplets in a zeolitic nest (Isle of Mull, Inner Hebrides): Metallic “embryos” in organic “placenta”. *Geochimica et Cosmochimica Acta*, v.73, p.2907-2919.
- Chadwick, J., Perfit, M., McInnes, B., **Kamenov, G.**, Jonassen, I., Plank, T., and Chadwick, C., 2009, Arc Lavas on Both Sides of a Trench: 2 Triple-Junction Magmatism at the New Georgia Arc, Solomon Islands. *Earth and Planetary Science Letters*, v.279, p.293-302.

- Foster, D.A., D.R. Gray, C. Spaggiari, **G. D. Kamenov**, and F. Bierlein, 2009, Paleozoic Lachlan Orogen, Australia; accretion and construction of continental crust in a marginal ocean setting: isotopic evidence from Cambrian metavolcanic rocks: in P. Cawood, and A. Kroner, eds., *Earth Accretionary Systems in Space and Time*, The Geological Society, London, Special Publications v. 318, p.329-349;
- Hames, W., Unger, D., Saunders, J., **Kamenov, G.D.** 2009, Early Yellowstone hotspot magmatism and gold metallogeny. *Journal of Volcanology and Geothermal Research*, v.188, p.214-224.
- Turner, B.L., **Kamenov, G.D.**, Armelagos, G.J., Kingston, J.D., 2009, Insights into immigration and social class at Machu Picchu, Peru, based on oxygen, strontium, and lead isotopic analyses. *Jour. of Archaeol. Science*, v.36, p.317-332;
- Saunders, J.A., Unger, D.L., **Kamenov, G.D.**, Fayek, M., Hames W.E., and Utterback, W.C., 2008, Genesis of Middle Miocene Yellowstone-hotspot-related bonanza epithermal Au-Ag deposits, Northern Great Basin, USA. *Mineralium Deposita*, v. 43, p.715-734.
- Kamenov, G.D.**, 2008, High-precision Pb isotopic measurements of teeth and environmental samples from Sofia (Bulgaria): insights for regional lead sources and possible pathways to the human body. *Environmental Geology*, v.55, p.669-680.
- Malone, S.J., Meert, J.G., Banerjee, D.M., Pandit, M.K., Tamrat, E., **Kamenov, G.**, Pradhan, V.R. and Sohl, L.E., 2008, Paleomagnetism and detrital zircon geochronology of the Upper Vindhyan sequence, Son Valley and Rajasthan, India: A ca. 1000 Ma closure age for the Purana basins? *Precambrian Research*, v. 164, p. 137-159.
- Bickford, M.E., Mueller, P.A., **Kamenov, G.D.**, Hill, B. M., 2008, Crustal evolution of southern Laurentia during the Paleoproterozoic: insights from zircon Hf isotopic studies of ca. 1.75 rocks in central Colorado. *Geology*, v.36, p.555-558.
- Mueller, P.A., **Kamenov, G.D.**, Heatherington, A.L., and Richards, J., 2008, Crustal evolution in the Southern Appalachian Orogen: evidence from Hf isotopes in detrital zircons. *Journal of Geology*, v.116, p.414-422.
- Kamenov, G.D.**, Perfit, M.R., Mueller, P.A., and Jonasson, I.R., 2008, Controls on magmatism in an island arc environment: study of lavas and sub-arc xenoliths from the Tabar-Lihir-Tanga-Feni island chain, Papua New Guinea. *Contrib. Mineral. Petrol.*, v. 155, p.635-656.
- Valentine, B., **Kamenov, G.D.**, Krigbaum, J., 2008, Reconstructing Neolithic groups in Sarawak, Borneo through lead and strontium isotope analysis. *Journal of Archaeological Science*, v.35, p.1463-1473.

- Probst, K.R., Mueller, P.A., and **Kamenov, G.** 2008, Geochemistry of Cretaceous and Tertiary plutons of the Great Falls Tectonic Zone: Implications for crustal evolution. *Northwest Geology* v. 37, p.45-61.
- Kamenov, G.D.**, Saunders, J.A., and Hames, W.E., 2007, Mafic Magmas as Sources for Gold in Middle-Miocene Epithermal Deposits of Northern Great Basin, USA: Evidence from Pb Isotopic Compositions of Native Gold. *Economic Geology*, v.102, p.1191-1195.
- Dekov, V.M., **Kamenov, G.D.**, Stummeyer, J., Médard, T., Savelli, C., Shanks, W., Forting, D., Kuzmannh, E., and Vértes, A., 2007, Hydrothermal nontronite formation by bacteria assisted precipitation at Eolo Seamount (Aeolian volcanic arc, Tyrrhenian Sea). *Chem. Geol.*, v. 245, p. 103-119.
- Nielsen, S.H.H., Hodell, D.A., **Kamenov, G.D.**, Guilderson, T., and Perfit, M.R., 2007, Origin and significance of ice rafted detritus in the Atlantic sector of the Southern Ocean. *Geochem. Geophys. Geosyst.* Q12005, doi:10.1029/2007GC001618
- Hodell, D. A., **Kamenov, G.D.**, Hathorne, E.C., Zachos, J.C., U. Röhl, and Westerhold, T., 2007, Variations in the strontium isotope composition of seawater during the Paleocene and early Eocene from ODP Leg 208 (Walvis Ridge), *Geochem. Geophys. Geosyst.*, 8, Q09001, doi:10.1029/2007GC001607.
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- Dekov, V.M., **Kamenov, G.D.**, Savelli, C., Stummeyer, J., and Marchig, V., 2007, Origin of basal dolomitic claystone in the Marsili Basin, Tyrrhenian Sea. *Marine Geology*, v. 236, p.121-141.
- Dekov, V.M., **Kamenov, G.D.**, Savelli, C., Stummeyer, J., 2006, Anthropogenic Pb component in hydrothermal ochres from Marsili Seamount (Tyrrhenian Sea). *Marine Geology*, 229, p.199-208.
- Kamenov, G.D.**, Perfit, M., Jonasson, I., and Mueller, P., 2005, High precision Pb isotope measurements reveal magma recharge as a mechanism for ore deposit formation: examples from Lihir Island and Conical Seamount, Papua New Guinea. *Chemical Geology*, 219, 131-148.

Chadwick, J.D., Perfit, M.R., Ridley, I.W., Jonasson, I.R., Embley, B., **Kamenov, G.D.**, Chadwick, W.W., and Smith, M., 2005, Interaction of the Juan de Fuca Ridge with the Cobb Hotspot: geochemical and magmatic effects. *Journal of Geophysical Research*, v. 110, B03101, doi: 10.1029/2003JB002767.

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