Stefanos Karampelas

List of Publications by Year
in descending order

42	512	623734	713466
papers	citations	14 h-index	21 g-index

45	45	45	379
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination by Raman scattering of the nature of pigments in cultured freshwater pearls from the molluskHyriopsis cumingi. Journal of Raman Spectroscopy, 2007, 38, 217-230.	2.5	69
2	Use of the Raman spectrometer in gemmological laboratories: Review. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 80, 119-124.	3.9	42
3	Role of polyenes in the coloration of cultured freshwater pearls. European Journal of Mineralogy, 2009, 21, 85-97.	1.3	36
4	UV-Vis-NIR Reflectance Spectroscopy of Natural-Color Saltwater Cultured Pearls from <i>Pinctada Margaritifera</i>. Gems & Gemology, 2011, 47, 31-35.	0.6	32
5	X-Ray Computed Microtomography: Distinguishing Natural Pearls from Beaded and Non-Beaded Cultured Pearls. Gems & Gemology, 2010, 46, 128-134.	0.6	28
6	Identification of the Endangered Pink-to-Red <i>Stylaster</i> Corals by Raman Spectroscopy. Gems & Gemology, 2009, 45, 48-52.	0.6	26
7	Emeralds from the Most Important Occurrences: Chemical and Spectroscopic Data. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Over	2.0	20
8	Gem quality and archeological green â€˜jadeite jadeâ€™ versus â€˜omphacite jadeâ€™. Journal of Raman Spectroscopy, 2014, 45, 1260-1265.	2.5	17
9	Sapphire Megacrysts In Syenite Pegmatites From the Ilmen Mountains, South Urals, Russia: New Mineralogical Data. Canadian Mineralogist, 2017, 55, 823-843.	1.0	17
10	Microâ€Raman spectroscopy on two chalices from the Benedictine Abbey of Einsiedeln: Identification of gemstones. Journal of Raman Spectroscopy, 2012, 43, 1833-1838.	2.5	16
11	Gem Corundum Deposits of Greece: Geology, Mineralogy and Genesis. Minerals (Basel, Switzerland), 2019, 9, 49.	2.0	16
12	Raman spectroscopy of natural and cultured pearls and pearl producing mollusc shells. Journal of Raman Spectroscopy, 2020, 51, 1813-1821.	2.5	15
13	X-Ray Computed Microtomography Applied to Pearls: Methodology, Advantages, and Limitations. Gems & Gemology, 2010, 46, 122-127.	0.6	15
14	Distinguishing natural from synthetic amethyst: the presence and shape of the 3595â€‰cmâ¯1 peak. Mineralogy and Petrology, 2005, 85, 45-52.	1.1	14
15	Comment on: Determination of canthaxanthin in the red coral (Corallium rubrum) from Marseille by HPLC combined with UV and MS detection (Cvejic et al. Mar Biol 152:855â€“862, 2007). Marine Biology, 2008, 154, 929-930.	1.5	14
16	Luminescence spectroscopy and microscopy applied to study gem materials: a case study of C centre containing diamonds. Mineralogy and Petrology, 2013, 107, 393-413.	1.1	14
17	Origin of Blue Sapphire in Newly Discovered Spinelâ€“Chloriteâ€“Muscovite Rocks within Meta-Ultramafites of Ilmen Mountains, South Urals of Russia: Evidence from Mineralogy, Geochemistry, Rb-Sr and Sm-Nd Isotopic Data. Minerals (Basel, Switzerland), 2019, 9, 36.	2.0	12
18	Comment on â€œDetermination of carotenoid as the purple pigment in Gorgonia ventalina sclerites using Raman spectroscopyâ€•[Leverette et al., Spectrochim. Acta A, 69 (2008) 1058-1061]. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 71, 1627.	3.9	11

#	Article	IF	Citations
19	Blue Sapphires from the Baw Mar Mine in Mogok. Gems & Gemology, 2014, 49, 223-232.	0.6	10
20	A Preliminary Study on the Separation of Natural and Synthetic Emeralds Using Vibrational Spectroscopy. Gems & Gemology, 2015, 50, 287-292.	0.6	10
21	Gemstones of Greece: Geology and Crystallizing Environments. Minerals (Basel, Switzerland), 2019, 9, 461.	2.0	7
22	Corundum Anorthosites-Kyshtymites from the South Urals, Russia: A Combined Mineralogical, Geochemical, and U-Pb Zircon Geochronological Study. Minerals (Basel, Switzerland), 2019, 9, 234.	2.0	7
23	Raman spectroscopy applied to Gemmology. , 0, , 455-489.		7
24	Spectral Characteristics of Natural-Color Saltwater Cultured Pearls from <i>Pinctada Maxima</i>. Gems & Gemology, 2012, 48, 193-197.	0.6	7
25	A Study of the Gems in a Ciborium from Einsiedeln Abbey. Gems & Gemology, 2010, 46, 292-296.	0.6	6
26	U-Pb Ages of Zircon Inclusions in Sapphires from Ratnapura and Balangoda (Sri Lanka) and Implications for Geographic Origin. Gems & Gemology, 2019, , 18-28.	0.6	6
27	Pearls and Corals: "Trendy Biomineralizations". Elements, 2009, 5, 179-180.	0.5	5
28	Raman spectra of gemâ€quality variscite and metavariscite. Journal of Raman Spectroscopy, 2017, 48, 1554-1558.	2.5	5
29	Gems and Gemmology. , 2020, , .		5
30	Infrared Spectroscopy of Natural vs. Synthetic Amethyst: An Update. Gems & Gemology, 2011, 47, 196-201.	0.6	5
31	Chemical Characteristics of Freshwater and Saltwater Natural and Cultured Pearls from Different Bivalves. Minerals (Basel, Switzerland), 2019, 9, 357.	2.0	4
32	Variscite from Central Tajikistan: Preliminary Results. Gems & Gemology, 2016, 52, 60-65.	0.6	4
33	Chapter 10. Gemstones and Minerals. , 2012, , 291-317.		2
34	New Data on the Genetic Linkage of the Beryl and Chrysoberyl Chromophores of the Uralâ€™s Emerald Mines with Chromium-Bearing Spinels of the Bazhenov Ophiolite Complex. Doklady Earth Sciences, 2019, 486, 630-633.	0.7	2
35	Real-Time Microradiography of Pearls: A Comparison Between Detectors. Gems & Gemology, 2018, 53, 452-456.	0.6	2
36	Editorial for Special Issue â€œMineralogy and Geochemistry of Gemsâ€• Minerals (Basel, Switzerland), 2019, 9, 778.	2.0	1

#	Article	IF	Citations
37	Spectroscopic study of the coloured gems in a 19th century pendant from Einsiedeln Abbey. Journal of Raman Spectroscopy, 0, , .	2.5	1
38	Gem Analysis. , 2020, , 39-66.		1
39	Gemological Characteristics of Saltwater Cultured Pearls Produced After Xenotransplantation. Gems & Gemology, 2013, 49, 36-41.	0.6	0
40	Spectroscopy and Microscopy of Corundum from Primary Deposits Found in Greece. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	0
41	Gem Treatments, Synthetics and Imitations. , 2020, , 67-90.		0
42	Gems Through the Ages. , 2020, , 5-38.		0