

# Daniel Grasseschi

## List of Publications by Citations

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27  
papers

307  
citations

12  
h-index

17  
g-index

36  
ext. papers

401  
ext. citations

5.4  
avg, IF

3.55  
L-index

#	Paper	IF	Citations
27	Surface enhanced Raman scattering spot tests: a new insight on Feigl's analysis using gold nanoparticles. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 9146-9	7.8	42
26	Graphene Oxide/Gold Nanorod Nanocomposite for Stable Surface-Enhanced Raman Spectroscopy. <i>ACS Photonics</i> , <b>2016</b> , 3, 1027-1035	6.3	34
25	Unraveling the nature of Turkevich gold nanoparticles: the unexpected role of the dicarboxyketone species. <i>RSC Advances</i> , <b>2015</b> , 5, 5716-5724	3.7	26
24	Spontaneous chemical functionalization via coordination of Au single atoms on monolayer MoS <sub>2</sub> . <i>Science Advances</i> , <b>2020</b> , 6,	14.3	22
23	A novel functionalisation process for glucose oxidase immobilisation in poly(methyl methacrylate) microchannels in a flow system for amperometric determinations. <i>Talanta</i> , <b>2014</b> , 126, 20-6	6.2	20
22	The SERS effect in coordination chemistry. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 333, 108-131	23.2	18
21	Fe <sub>3</sub> O <sub>4</sub> Nanoparticles as Surfactant Carriers for Enhanced Oil Recovery and Scale Prevention. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 5762-5772	5.6	18
20	Unveiling the structure of polytetra-ruthenated nickel porphyrin by Raman spectroelectrochemistry. <i>Langmuir</i> , <b>2015</b> , 31, 4351-60	4	16
19	Surface coordination chemistry of graphene: Understanding the coordination of single transition metal atoms. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 422, 213469	23.2	15
18	Hyperspectral dark-field microscopy of gold nanodisks. <i>Micron</i> , <b>2015</b> , 69, 15-20	2.3	14
17	Photocatalytic Activity of Reduced Graphene Oxide/Gold Nanoparticle Nanomaterials: Interaction with Asphaltene and Conversion of a Model Compound. <i>Energy &amp; Fuels</i> , <b>2018</b> , 32, 2673-2680	4.1	13
16	Oxygen impact on the electronic and vibrational properties of black phosphorus probed by synchrotron infrared nanospectroscopy. <i>2D Materials</i> , <b>2017</b> , 4, 035028	5.9	13
15	Superparamagnetic Maghemite-Based CdTe Quantum Dots as Efficient Hybrid Nanoprobes for Water-Bath Magnetic Particle Inspection. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 2858-2868	5.6	12
14	Phase transition and electronic structure investigation of MoS <sub>2</sub> -reduced graphene oxide nanocomposite decorated with Au nanoparticles. <i>Nanotechnology</i> , <b>2019</b> , 30, 475707	3.4	9
13	How relevant can the SERS effect in isolated nanoparticles be?. <i>RSC Advances</i> , <b>2013</b> , 3, 24465	3.7	9
12	Real-time optofluidic surface-enhanced Raman spectroscopy based on a graphene oxide/gold nanorod nanocomposite. <i>Optics Express</i> , <b>2018</b> , 26, 22698-22708	3.3	8
11	Probing the dynamics of dithiooxamide coordinated to gold nanoparticles using SERS. <i>Journal of Raman Spectroscopy</i> , <b>2018</b> , 49, 1478-1486	2.3	4

10	SERS studies of isolated and agglomerated gold nanoparticles functionalized with a dicarboxybipyridine-trimercaptotriazine-ruthenium dye. <i>Journal of Raman Spectroscopy</i> , <b>2014</b> , 45, 758-763 <sup>2,3</sup>		4
9	Photoinduced electron transfer dynamics of AuNPs and Au@PdNPs supported on graphene oxide probed by dark-field hyperspectral microscopy. <i>Dalton Transactions</i> , <b>2020</b> , 49, 16296-16304	4.3	2
8	Facile synthesis of labile gold nanodiscs by the Turkevich method. <i>Journal of Nanoparticle Research</i> , <b>2018</b> , 20, 1	2.3	2
7	Exploring the metallochromic behavior of pentacyanidoferrates in visual, electronic and Raman spot tests. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2019</b> , 91, e20180315	1.4	1
6	Confocal Raman microscopy and hyperspectral dark field microscopy imaging of chemical and biological systems <b>2015</b> ,		1
5	Gold nanoparticles functionalised with Ru-dicarboxybipyridine-trimercaptotriazine: SERS effect and application in plasmonic dye solar cells. <i>International Journal of Nanotechnology</i> , <b>2015</b> , 12, 263	1.5	1
4	Wettability alteration of oil-wet carbonate rocks by chitosan derivatives for application in enhanced oil recovery. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50098	2.9	1
3	Surface Plasmon Resonance Platforms for Chemical and Bio Sensing <b>2021</b> ,		1
2	Can reduced graphene oxide look like few-layer pristine graphene?. <i>Diamond and Related Materials</i> , <b>2021</b> , 120, 108616	3.5	0
1	Automation of a low-cost device for flow synthesis of iron oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2022</b> , 24, 1	2.3	