

Jean-Michel Guay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4649651/publications.pdf>

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10
papers

315
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-induced plasmonic colours on metals. Nature Communications, 2017, 8, 16095.	12.8	161
2	Plasmonic colours predicted by deep learning. Scientific Reports, 2019, 9, 8074.	3.3	66
3	Topography Tuning for Plasmonic Color Enhancement via Picosecond Laser Bursts. Advanced Optical Materials, 2018, 6, 1800189.	7.3	29
4	Passivation of Plasmonic Colors on Bulk Silver by Atomic Layer Deposition of Aluminum Oxide. Langmuir, 2018, 34, 4998-5010.	3.5	18
5	Mechanistic Insight into the Limiting Factors of Graphene-Based Environmental Sensors. ACS Applied Materials & Interfaces, 2020, 12, 39764-39771.	8.0	13
6	Visible light driven plasmonic photochemistry on nano-textured silver. Physical Chemistry Chemical Physics, 2018, 20, 238-246.	2.8	11
7	Laser-written colours on silver: optical effect of alumina coating. Nanophotonics, 2019, 8, 807-822.	6.0	9
8	Effect of ps-laser repetition rate on colour rendition, nanoparticle morphology and surface chemistry on silver [Invited]. Optical Materials Express, 2019, 9, 457.	3.0	7
9	Deep Learning and Inverse Design in Plasmonic. , 2019, , .		1
10	Application of deep learning to direct and inverse problems in plasmonic coloring. , 2019, , .		0