Pilar Gregory Vianna

List of Publications by Year
in descending order

12 papers	167 citations	1163117 8 h-index	1474206 9 g-index
12 all docs	12 docs citations	12 times ranked	256 citing authors

#	Article	IF	Citations
1	CVD growth and optical characterization of homo and heterobilayer TMDs. Journal of Applied Physics, 2022, 132, .	2.5	7
2	Femtosecond nonlinear refraction of 2D semi-metallic redox exfoliated ZrTe2 at 800â€‰nm. Applied Physics Letters, 2021, 118, .	3.3	13
3	Second-harmonic generation enhancement in monolayer transition-metal dichalcogenides by using an epsilon-near-zero substrate. Nanoscale Advances, 2021, 3, 272-278.	4.6	15
4	One-step deposition and in-situ reduction of graphene oxide in photonic crystal fiber for all-fiber laser mode locking. Optics and Laser Technology, 2020, 121, 105838.	4.6	10
5	Nonlinear Optical Interactions and Relaxation in 2D Layered Transition Metal Dichalcogenides Probed by Optical and Photoacoustic Z-Scan Methods. ACS Photonics, 2020, 7, 3440-3447.	6.6	34
6	Femtosecond Nonlinear Optical Properties of 2D Metallic NbS_2 in the Near Infrared. Journal of Physical Chemistry C, 2020, 124, 15425-15433.	3.1	27
7	QR code micro-certified gemstones: femtosecond writing and Raman characterization in Diamond, Ruby and Sapphire. Scientific Reports, 2019, 9, 8927.	3.3	9
8	Synthesis and Characterization of MoS2/WS2 Heterostructures by Second Harmonic Generation. , 2019, , .		0
9	Real-time optofluidic surface-enhanced Raman spectroscopy based on a graphene oxide/gold nanorod nanocomposite. Optics Express, 2018, 26, 22698.	3.4	11
10	Nonlinear Absorption and Optical Limiting Effect in Redox Exfoliated Layered Transition Metal Dichalcogenides. , 2018, , .		1
11	Optofluidic SERS in a Microcapillary Coated with a Graphene Oxide/Gold Nanorod Nanocomposite. , 2018, , .		0
12	Graphene Oxide/Gold Nanorod Nanocomposite for Stable Surface-Enhanced Raman Spectroscopy. ACS Photonics, 2016, 3, 1027-1035.	6.6	40