

# Pilar Gregory Vianna

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2283079/publications.pdf>

Version: 2024-02-01

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	Graphene Oxide/Gold Nanorod Nanocomposite for Stable Surface-Enhanced Raman Spectroscopy. ACS Photonics, 2016, 3, 1027-1035.	6.6	40
2	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
3	Femtosecond Nonlinear Optical Properties of 2D Metallic NbS <sub>2</sub> in the Near Infrared. Journal of Physical Chemistry C, 2020, 124, 15425-15433.	3.1	27
4	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
5	Femtosecond nonlinear refraction of 2D semi-metallic redox exfoliated ZrTe <sub>2</sub> at 800 nm. Applied Physics Letters, 2021, 118, .	3.3	13
6	Real-time optofluidic surface-enhanced Raman spectroscopy based on a graphene oxide/gold nanorod nanocomposite. Optics Express, 2018, 26, 22698.	3.4	11
7	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
8	QR code micro-certified gemstones: femtosecond writing and Raman characterization in Diamond, Ruby and Sapphire. Scientific Reports, 2019, 9, 8927.	3.3	9
9	CVD growth and optical characterization of homo and heterobilayer TMDs. Journal of Applied Physics, 2022, 132, .	2.5	7
10	Nonlinear Absorption and Optical Limiting Effect in Redox Exfoliated Layered Transition Metal Dichalcogenides. , 2018, , .		1
11	Synthesis and Characterization of MoS <sub>2</sub> /WS <sub>2</sub> Heterostructures by Second Harmonic Generation. , 2019, , .		0
12	Optofluidic SERS in a Microcapillary Coated with a Graphene Oxide/Gold Nanorod Nanocomposite. , 2018, , .		0