

# Tahsin AarÄ± AiÄman

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

823  
citations

471509

17  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is there a novel Einstein-“Gauss”-Bonnet theory in four dimensions?. European Physical Journal C, 2020, 80, 1.	3.9	131
2	Born-Infeld extension of new massive gravity. Classical and Quantum Gravity, 2010, 27, 162001.	4.0	110
3	Critical points of $D$ -dimensional extended gravities. Physical Review D, 2011, 83, .	4.7	106
4	All unitary cubic curvature gravities in $D$ dimensions. Classical and Quantum Gravity, 2011, 28, 195004.	4.0	49
5	AdS waves as exact solutions to quadratic gravity. Physical Review D, 2011, 83, .	4.7	48
6	Unitarity analysis of general Born-Infeld gravity theories. Physical Review D, 2010, 82, .	4.7	39
7	$c$ -functions in the Born-Infeld extended new massive gravity. Physical Review D, 2010, 82, .	4.7	38
8	Canonical structure of higher derivative gravity in 3D. Physical Review D, 2010, 81, .	4.7	35
9	New exact solutions of quadratic curvature gravity. Physical Review D, 2012, 86, .	4.7	31
10	Energy and angular momentum in generic $F$ (Riemann) theories. Physical Review D, 2012, 86, .	4.7	31
11	All bulk and boundary unitary cubic curvature theories in three dimensions. Physical Review D, 2011, 83, .	4.7	24
12	Some exact solutions of all $f(R)$ theories.	4.7	24
13	Anti-“de Sitter”-Wave Solutions of Higher Derivative Theories. Physical Review Letters, 2013, 111, 101101.	7.8	23
14	AdS-plane wave and pp-wave solutions of generic gravity theories. Physical Review D, 2014, 90, .	4.7	22
15	Born-Infeld-Hoava gravity. Physical Review D, 2010, 81, .	4.7	20
16	Conserved charges in extended theories of gravity. Physics Reports, 2019, 834-835, 1-85.	25.6	19
17	Born-Infeld gravity with a massless graviton in four dimensions. Physical Review D, 2015, 91, .	4.7	18
18	Born-Infeld gravity with a unique vacuum and a massless graviton. Physical Review D, 2015, 92, .	4.7	14

#	ARTICLE	IF	CITATIONS
19	Spectra, vacua, and the unitarity of Lovelock gravity in $D$ -dimensional AdS spacetimes. Physical Review D, 2012, 86, .	4.7	12
20	Gravity waves in three dimensions. Physical Review D, 2015, 92, .	4.7	11
21	Kerr-Schild-Kundt metrics are universal. Classical and Quantum Gravity, 2017, 34, 075003.	4.0	10
22	From smooth curves to universal metrics. Physical Review D, 2016, 94, .	4.7	4
23	Non-Einsteinian black holes in generic 3D gravity theories. Physical Review D, 2019, 100, .	4.7	4
24	Green's matrix for a second-order self-adjoint matrix differential operator. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 125205.	2.1	0
25	Preliminary Orbit Design for Turkish Regional Navigation Satellite System. , 2019, , .		0